



Attorney Docket No. 56,677 (70551)

**IN THE UNITED STATES PATENT AND TRADEMARK  
OFFICE**

APPLICANT(S): M. Yasuda, et al. CONF. 2892  
SERIAL NO.: 10/040,804 GROUP: 2827  
FILED: November 8, 2001 EXAMINER: Norris, Jeremy C.  
FOR: ELECTRONIC COMPONENT AND METHOD AND  
STRUCTURE FOR MOUNTING SEMICONDUCTOR DEVICE

\*\*\*\*\*

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 26, 2003.

By: Eileen M. Woodbury  
Eileen M. Woodbury

\*\*\*\*\*

Mail Stop ISSUE FEE  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**LETTER TO EXAMINER;  
REQUEST FOR SUPPLEMENTAL NOTICE OF ALLOWABILITY  
AND ENTRY INTO RECORD OF PREVIOUSLY FILED IDS**

Pursuant to the telephone interview with the Examiner on or about November 21, 2003, Applicants herewith re-submit the Information Disclosure Statement, Form PTO-1449 and the references cited thereon, all of which were originally filed with the patent application on November 8, 2001.

Applicants also enclose herewith a copy of an excerpt of the application transmittal indicating that an Information Disclosure Statement was enclosed

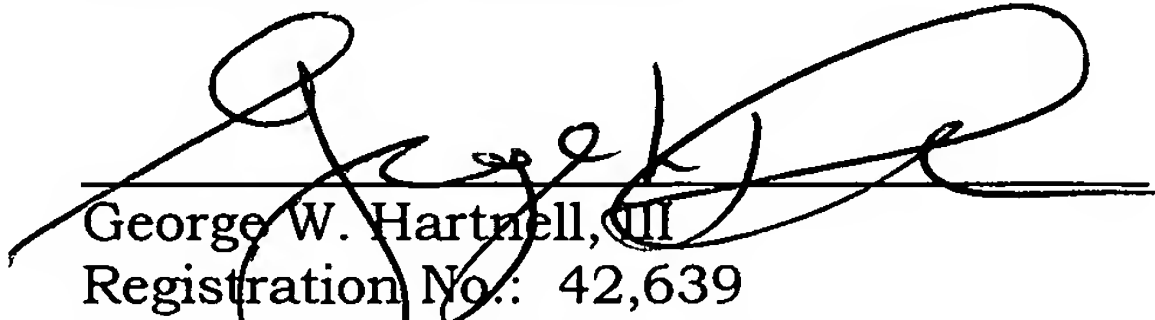
Attorney Docket No.: 56,677 (70551)  
Applicant(s): M. Yasuda, et al.  
U.S.S.N.: 10/040,804  
Group Art Unit: 2827  
Examiner: Norris, Jeremy  
Page 2

therewith and a copy of the return receipt postcard date stamped by the USPTO mailroom, which postcard acknowledges that the IDS with Form PTO-1449 and references received by the USPTO.

Applicants thus request that the Examiner enter the previously filed Information Disclosure Statement into the record and issue a Supplemental Notice of Allowability so as to reflect consideration of the Examiner's consideration of the previously filed IDS. Moreover, Applicants request that a copy of the Form PTO-1449 that has been duly initialed by the Examiner be issued to the Applicants.

Applicants believe that additional fees are not required for consideration of the within Letter/Request. However, if for any reason a fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, the Commissioner is hereby authorized and requested to charge Deposit Account No. **04-1105**.

Respectfully submitted,



George W. Hartnell, III  
Registration No.: 42,639  
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P.O. Box 9169  
Boston, Massachusetts 02209  
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Date: November 26, 2003  
356473

**COPY**

DGC LSH/

**Return Postcard – Non-Provisional Application (priority claimed)**

Mailing Date	11/8/01	Attorney/Sec.	DGC/LSH/als
Client:	70551	Docket No	56677
<input checked="" type="checkbox"/> Utility		<input type="checkbox"/> Design	<input type="checkbox"/> Provisional

The dating stamp of the Patent and Trademark Office hereon will be taken as the date of filing of APPLICANT(S) Masao YASUDA and Masato SUMIKAWA

TITLE Electronic Component And Method And Structure For Mounting Semiconductor Device

No. of Pages: Spec. 21 Claims 2 Abstract 1

Drawings 14 sheets ☒ formal ☐ informal

Transmittal Papers 4 pages ☐ Preliminary Amendment

☐ Declaration ☐ executed ☐ unexecuted ☐ Copy ☐ Will Follow

☐ Small Entity Form ☐ Copy ☐ Will Follow ☐ Certified Copy ☐ Will Follow

☐ Assignment ☐ Copy ☐ Will Follow ☐ Cover Sheet

☒ Information Disclosure Statement ☒ PTO-1449 Form ☒ Refs. B1, B2, B3

Other Certified Copy of Japanese Patent Appl. 2000-339954

\$ 824 fee Check ☒ is ☐ is not enclosed Filed 11/8/2000

Due Date: \_\_\_\_\_ Express Mail Label No. EL789783950 US

PTO  
U.S.  
107040804  
11/08/01

*This return postcard is your unofficial filing receipt. Please check to ensure it received the correct date stamp from the PTO and that it has been assigned a serial number. Below are the dates that have been docketed for this application.*

**ACTION**

**DUE DATE DOCKETED**

Information Disclosure Statement

done

Filing Receipt Received?

05/08/02

First Office Action Received?

11/08/02

Notice to File Missing Parts Rec'd?

02/08/02

Certified Copy Due

done

Docketed By: KRD

Atty/Sec Approval: \_\_\_\_\_

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.  
56677Total Pages in this Submission  
38**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

Electronic Component and Method And Structure For Mounting Semiconductor Device

and invented by:

Masao YASUDA  
Masato SUMIKAWA

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☐ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 24 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications *(if applicable)*
  - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Microfiche Appendix *(if applicable)*
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if drawings filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
56677

Total Pages in this Submission  
38

## Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☒ Formal      Number of Sheets 14
- b. ☐ Informal      Number of Sheets \_\_\_\_\_
4. ☐ Oath or Declaration
- a. ☐ Newly executed (original or copy)      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☐ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (identical to computer copy)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail (Specify Label No.): EL 789783950 US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Accompanying Application Parts (Continued)**

15. ☒ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*  
Japanese Patent Application Serial No. 2000-339954, filed November 8, 2000
16. ☐ Additional Enclosures *(please identify below)*:

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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56677

Total Pages in this Submission  
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**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	9	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	4	- 3 =	1	x \$84.00	\$84.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$824.00

- ☒ A check in the amount of **\$824.00** to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **04-1105** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Signature

Dated:

CC:

**Lisa Swiszc Hazzard (Reg. 44,368)**  
**Dike, Bronstein, Roberts & Cushman**  
**Intellectual Property Practice Group of**  
**Edwards & Angell, LLP**  
**P.O. Box 9169**  
**Boston, MA 02209**  
**617-439-4444**